
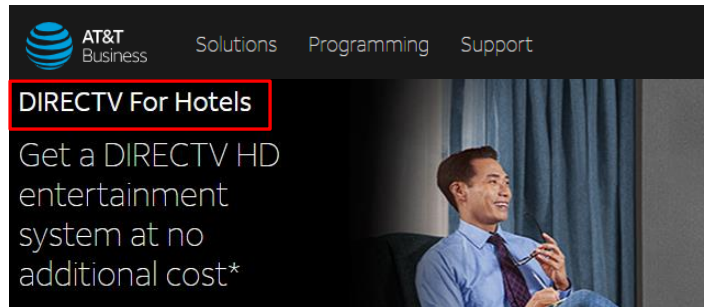


# EXHIBIT B

This claim chart is meant to be illustrative for purposes of meeting Plaintiff's pleading obligations and should not be construed as binding or limiting.

<b><u>U.S. Patent No. 7,068,596 - Claim</u></b>	<b><u>Accused Instrumentality</u></b>
<p>24. In a first network including a local server coupled to a central server, the local server being coupled to a plurality of network devices via a second network, a method of interactively controlling from one of the plurality of network devices a flow of audio visual data from the central server to the network device, the method comprising:</p>	<p>Defendant has installed, used, tested and implemented DIRECTV for Hotels, which allows Defendant to integrate televisions in multiple guest rooms to a single COM3000 head end system which transmits HD video streams to the televisions present in the guest rooms. The COM3000 is connected to broadcast center/satellite channels (e.g., "central server") to receive content to be displayed on the televisions (e.g., "network devices"). Guests can modify the live video content by sending pause, rewind or fast forward request by using the remote of the television.</p> <p><b>Atlanta, Ga. Oct. 3, 2013:</b> Direct Video Entertainment (DVE) has signed a Master Services Agreement with IHG® PLC. (InterContinental Hotels Group), to become an approved provider of DIRECTV™ free-to-guest television services for the Group's hotel owners and operators to consider throughout the US. In accordance with this agreement, DVE offers hotel operators standardized pricing and service levels in support of existing IHG HD television standards for its branded hotels.</p> <p><a href="https://www.directvideoentertainment.com/dve-signs-in-room-video-master-services-agreement-ihg/">https://www.directvideoentertainment.com/dve-signs-in-room-video-master-services-agreement-ihg/</a></p>  <p><b>Introducing the DIRECTV Residential Experience for Hotels</b></p> <p>Make your guests feel at home by giving them the same TV experience they love at home. They can now find what they want to watch more easily than ever with the same program guide they're used to in their living room. They can rest easy while they channel-surf with our simplified remote with an anti-microbial finish. And with over 100 HD channels,* they won't miss their favorite shows. Nearly 9 out of 10 hotel guests prefer the DIRECTV viewing experience over any other. Give them the TV service they already love.</p> <p><a href="http://www.directvideoentertainment.com/directv-for-hotels-motels/">http://www.directvideoentertainment.com/directv-for-hotels-motels/</a></p>



## The ultimate HD entertainment experience

The DIRECTV Residential Experience (DRE) provides the best interactive HD entertainment for a consistent in-room guest experience across the country. Properties benefit with technology that's easy, flexible and compatible with most TVs and wiring. Guests benefit from the full residential lineup with access to over 100 HD channels<sup>1</sup>—just like they're used to getting at home with DIRECTV. DRE Plus customers will enjoy a customized welcome screen allowing guests to easily discover property amenities, activities, and services. They can also enjoy the ability to play, pause, and even rewind live TV with HD DVR receivers.

## Big entertainment for any size hotel.

DIRECTV HOSPITALITY sets the industry standard for equipment features and product reliability with the COM3000, DIRECTV's third-generation HD and 4K^ headend video solution. Packing the most channels into the smallest footprint in the industry, DIRECTV's solution supports up to 138 HD channels, including 4K^ programming, the industry's best picture format. Available for any size property over most wiring schemes, the COM3000 is ideal for properties with large room counts where property owners don't want a receiver for each TV.

## The Advanced Entertainment Platform<sup>2</sup>

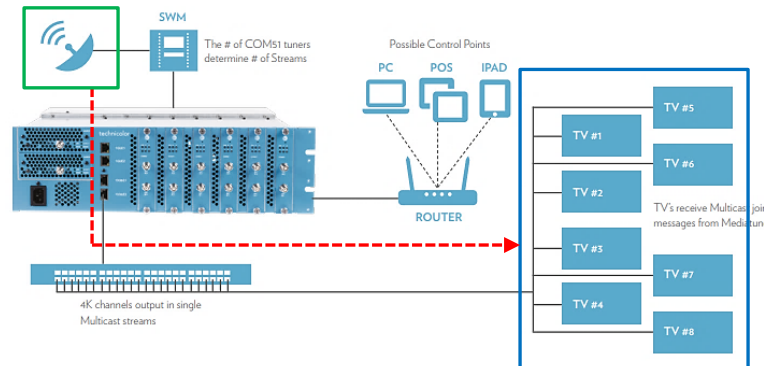
DIRECTV's next-generation content delivery solution provides DIRECTV linear satellite and free-to-guest On Demand and app-based content for an enhanced entertainment experience for your guests. This solution adds an in-room set-top box, antimicrobial custom remote and cloud services to the HD COM Systems.

<https://www.business.att.com/forbusiness/learn/hotels>

24. In a first network including a local server coupled to a central server, the local server being coupled to a plurality of network devices via a second network, a method of interactively controlling from one of the plurality of network devices a flow of audio visual data from the central server to the network device, the method comprising:

### 4K Ultra HD Resolution

The COM3000 system delivers full 4K resolution in the exact format from the DIRECTV broadcast center. Pro:Idiom content encryption is used in order to secure content deliver over the coax or IP distribution to the TV set. Commercial TV sets or external



<https://www.technicolor.com/sites/default/files/mediatune/document/MCSDocLib/Mediatune-Brochure-based-on-COM3000.pdf>, Page 1 and 2 of 2

### DIRECTV Hospitality RC70 Series Remote



### Transcript

01:27 and these buttons pause, rewind, and fast-forward

01:31 both live and prerecorded shows.

01:34 Press the Replay button to skip back six seconds

01:36 during both live and recorded shows.

<https://www.youtube.com/watch?v=mi1EaefmWRY>

at 0:15 of 4:18

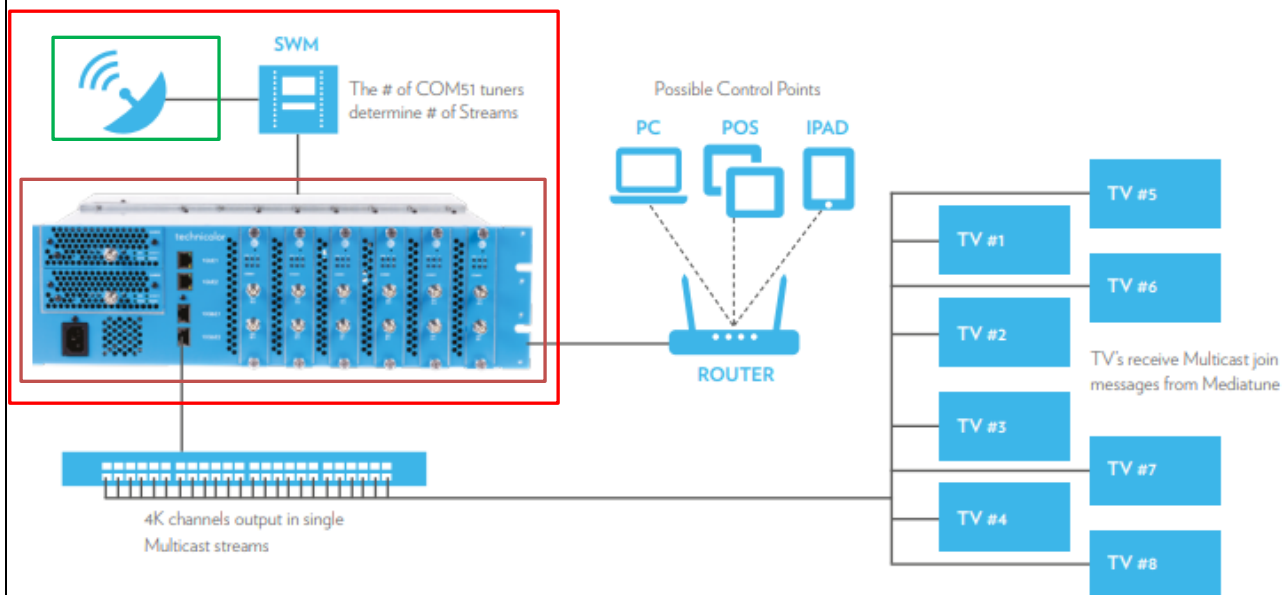
<https://www.youtube.com/watch?v=KILBnfPVf3c>

24. In a first network including a local server coupled to a central server, the local server being coupled to a plurality of network devices via a second network, a method of interactively controlling from one of the plurality of network devices a flow of audio visual data from the central server to the network device, the method comprising:

COM3000 head end located at the hotel (e.g., "local server") receives channel data from DirecTV broadcast center (e.g., "central server").

#### 4K Ultra HD Resolution

The COM3000 system delivers full 4K resolution in the exact format from the DIRECTV broadcast center. Pro:Idiom content encryption is used in order to secure content deliver over the coax or IP distribution to the TV set. Commercial TV sets or external Pro:Idiom decoder boxes such as the UCW4026MCS are available to ensure compatibility with any TV set or HDMI projector.



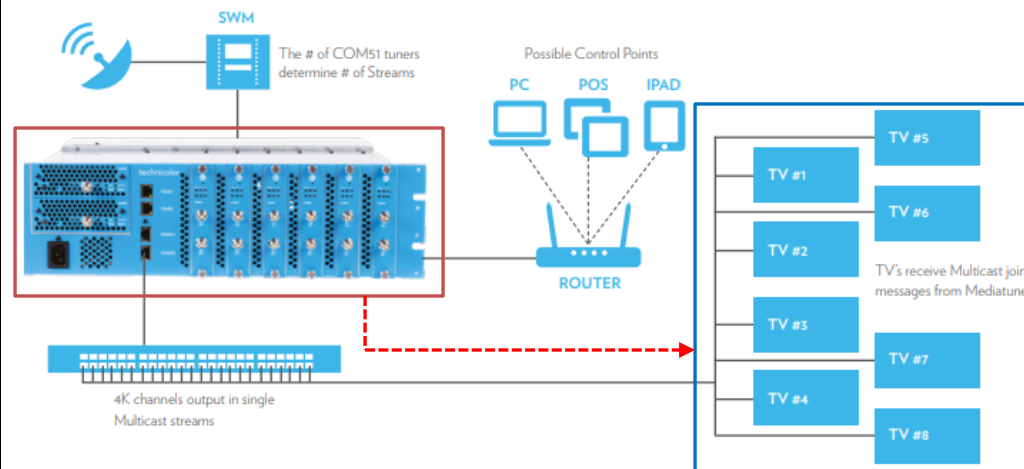
<https://www.technicolor.com/sites/default/files/medialib/document/MCSDocLib/Mediatune-Brochure-based-on-COM3000.pdf>, Pages 1 and 2 of 2

24. In a first network including a local server coupled to a central server, the local server being coupled to a plurality of network devices via a second network, a method of interactively controlling from one of the plurality of network devices a flow of audio visual data from the central server to the network device, the method comprising:

COM3000 (e.g., "local server") is connected to television systems (e.g., "network devices") present in guest rooms. The advanced entertainment platform adds a set top box and remote (e.g., "network device") to the guest room television system.

#### 4K Ultra HD Resolution

The COM3000 system delivers full 4K resolution in the exact format from the DIRECTV broadcast center. Pro:Idiom content encryption is used in order to secure content deliver over the coax or IP distribution to the TV set. Commercial TV sets or external Pro:Idiom decoder boxes such as the UCW4026MCS are available to ensure compatibility with any TV set or HDMI projector.



<https://www.technicolor.com/sites/default/files/medialib/document/MCSDocLib/Mediatune-Brochure-based-on-COM3000.pdf>, Page 1 and 2 of 2

## The Advanced Entertainment Platform<sup>2</sup>

DIRECTV's next-generation content delivery solution provides DIRECTV linear satellite and free-to-guest On Demand and app-based content for an enhanced entertainment experience for your guests. This solution adds an in-room set-top box, antimicrobial custom remote and cloud services to the HD COM Systems.

<https://www.business.att.com/forbusiness/learn/hotels>

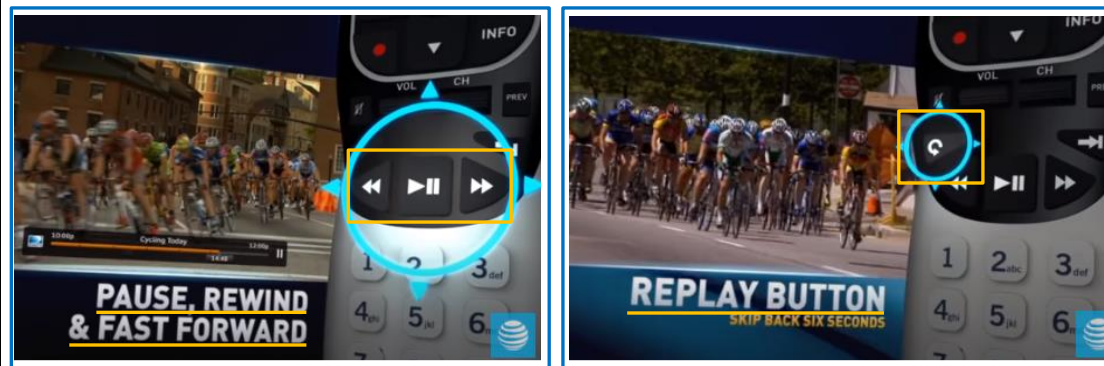
receiving a control command at the local server from the network device via the second network, the control command indicating a desired modification to the flow of the audio visual data from the central server to the network device;

A guest uses the buttons on the television's remote to pause, rewind or fast forward (e.g., "control command") the live show. The command is sent to COM3000 system.

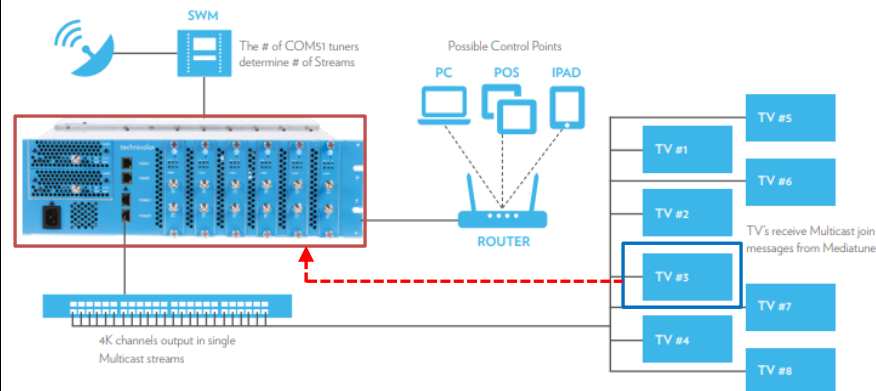
## The Advanced Entertainment Platform<sup>2</sup>

DIRECTV's next-generation content delivery solution provides DIRECTV linear satellite and free-to-guest On Demand and app-based content for an enhanced entertainment experience for your guests. This solution adds an in-room set-top box, antimicrobial custom remote and cloud services to the HD COM Systems.

<https://www.business.att.com/forbusiness/learn/hotels>



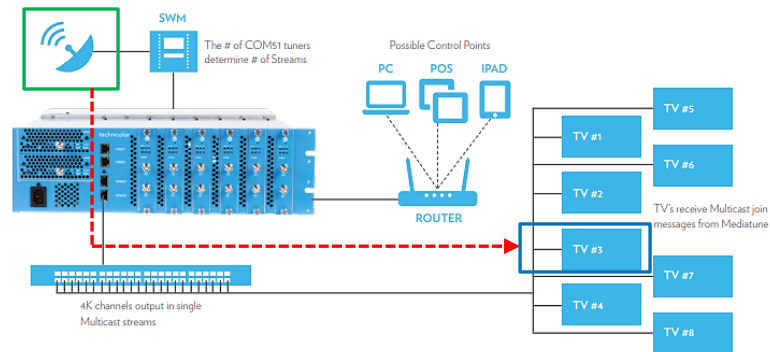
<https://www.youtube.com/watch?v=KlIBnfPVf3c> at 1:29 and 1:35 of 1:58



<https://www.technicolor.com/sites/default/files/medialib/document/MCSDocLib/Mediatune-Brochure-based-on-COM3000.pdf>, Page 1 of 2

receiving a control command at the local server from the network device via the second network, the control command indicating a desired modification to the flow of the audio visual data from the central server to the network device;

The rewind or fast forward request is sent to rewind or fastforward the live tv show. Thus, a guest can request to modify the live video stream coming from the broadcast center by pressing any of the pause, rewind, fast forward or advance button.



<https://www.technicolor.com/sites/default/files/mediatune/document/MCSDocLib/Mediatune-Brochure-based-on-COM3000.pdf>, Page 2 of 2

#### Transcript

01:27 and these buttons pause, rewind, and fast-forward

01:31 both live and prerecorded shows.

01:34 Press the Replay button to skip back six seconds

01:36 during both live and recorded shows.

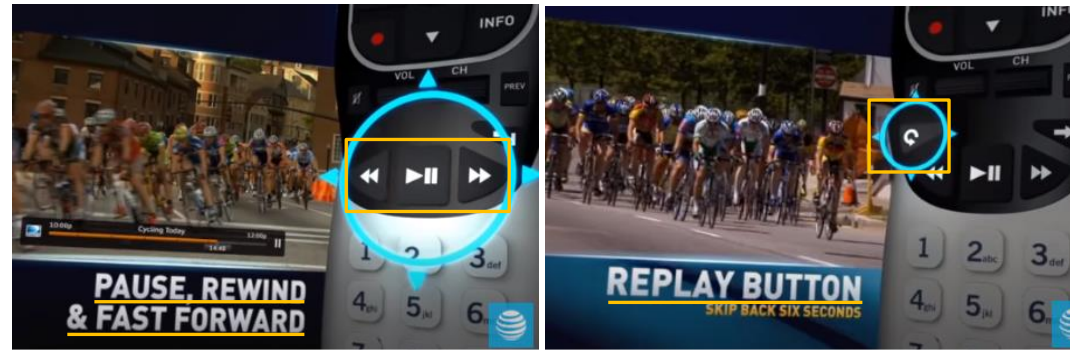
<https://www.youtube.com/watch?v=KlIBnfPVf3c>



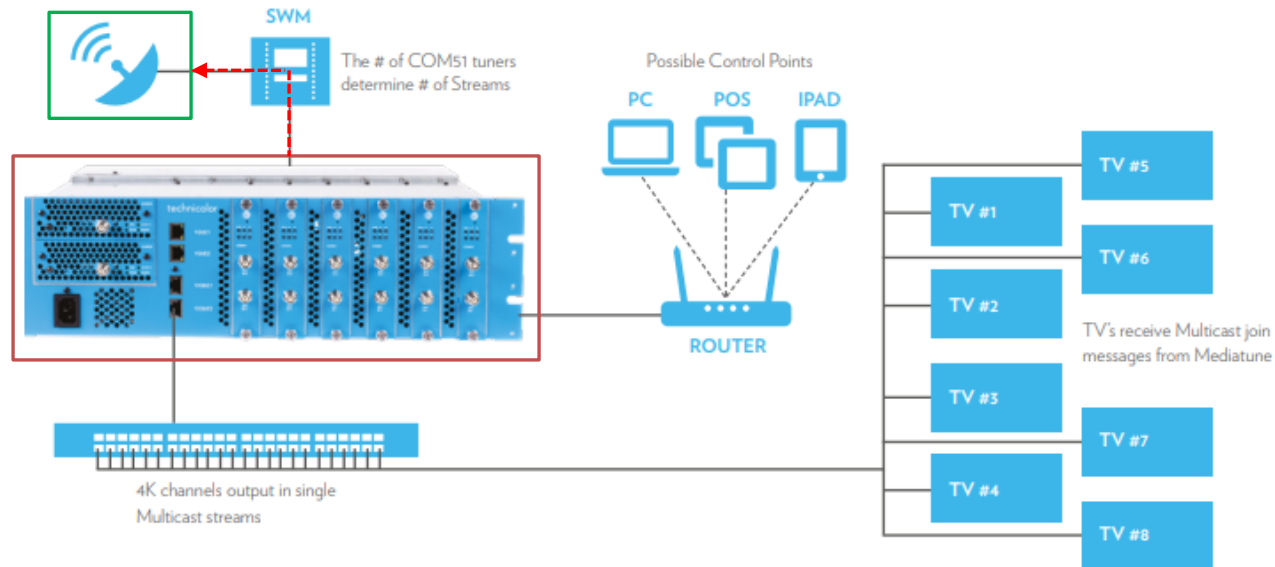
<https://www.youtube.com/watch?v=KlIBnfPVf3c> at 1:33 to 1:36 of 1:58

sending the control command from the local server to the central server via the first network

COM3000 forwards the request (pause/rewind/ fast-forward etc.) to the broadcast center.



<https://www.youtube.com/watch?v=KlIBnfPVf3c> at 1:29 and 1:35 of 1:58



<https://www.technicolor.com/sites/default/files/medialib/document/MCSDocLib/Mediatune-Brochure-based-on-COM3000.pdf>, Page 2 of 2

receiving a modified audio visual data flow at the local server from the central server via the first network in response to the control command; and

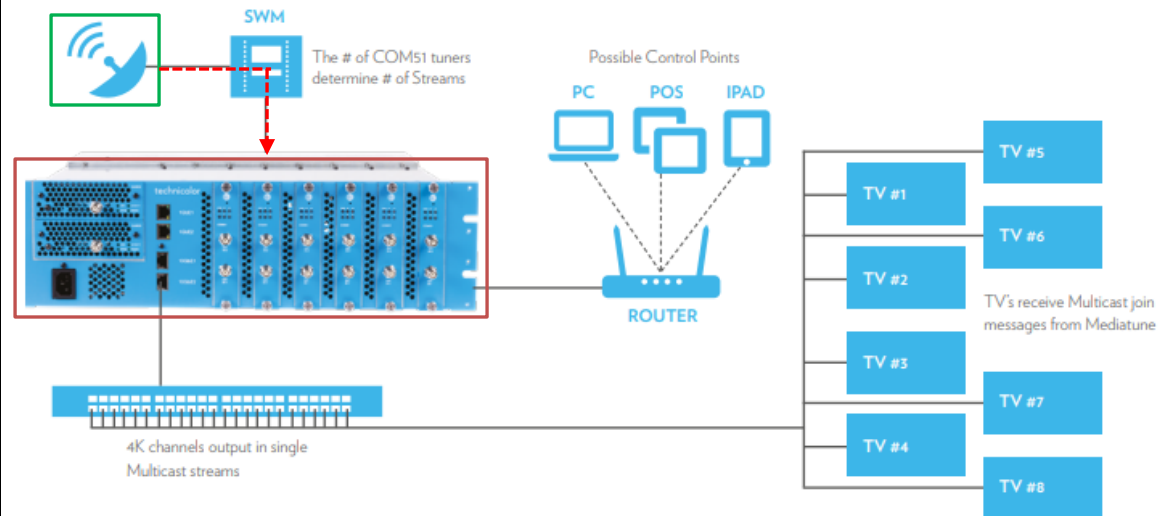
The broadcast center sends modified video stream (rewinded or fast forwarded data) to COM3000.

#### Transcript

01:27 and these buttons pause, rewind, and fast-forward  
 01:31 both live and prerecorded shows.  
 01:34 Press the Replay button to skip back six seconds  
 01:36 during both live and recorded shows.



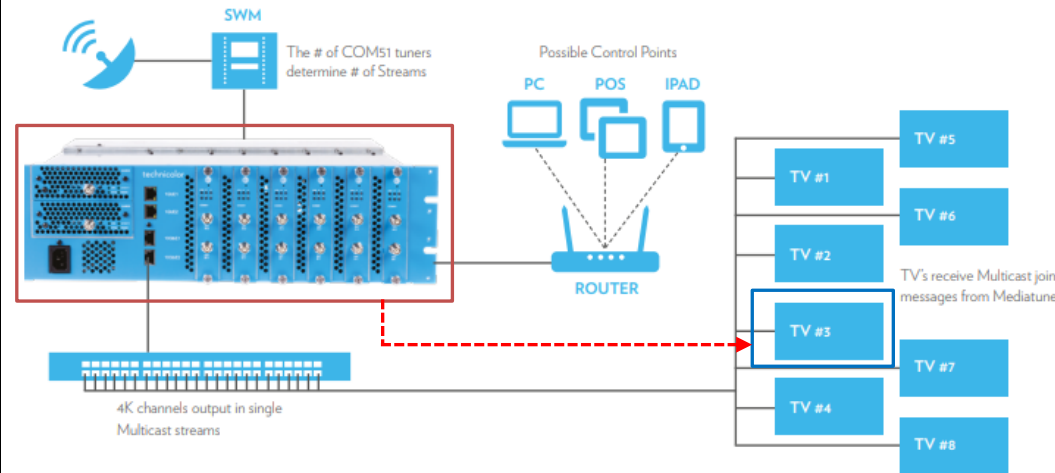
<https://www.youtube.com/watch?v=KlIBnfPVf3c> at 1:29 of 1:58



<https://www.technicolor.com/sites/default/files/medialib/document/MCSDocLib/Mediatune-Brochure-based-on-COM3000.pdf>, Page 2 of 2

transmitting the modified audio visual data flow from the local server to the network device via the second network, thereby enabling the network device to interactively modify the flow of the audio visual data from the central server to the network device.

COM3000 forwards the modified video stream to the television system of the guest room that requested the modification of live TV show.



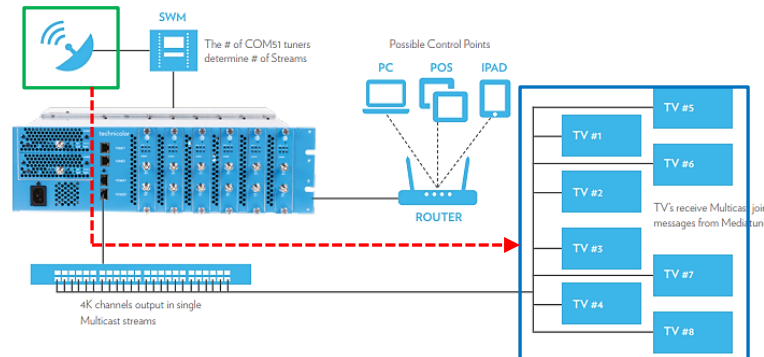
<https://www.technicolor.com/sites/default/files/medialib/document/MCSDocLib/Mediatune-Brochure-based-on-COM3000.pdf>, Page 2 of 2



<https://www.youtube.com/watch?v=KlIBnfPVf3c> at 1:33 to 1:36 of 1:58

transmitting the modified audio visual data flow from the local server to the network device via the second network, thereby enabling the network device to interactively modify the flow of the audio visual data from the central server to the network device.

Thus, a guest can request to modify the live video stream coming from the broadcast center by pressing any of the pause, rewind, fast forward or advance button.



<https://www.technicolor.com/sites/default/files/mediatune/document/MCSDocLib/Mediatune-Brochure-based-on-COM3000.pdf>, Page 2 of 2

#### Transcript

01:27 and these buttons pause, rewind, and fast-forward

01:31 both live and prerecorded shows.

01:34 Press the Replay button to skip back six seconds

01:36 during both live and recorded shows.

<https://www.youtube.com/watch?v=KlIBnfPVf3c>



<https://www.youtube.com/watch?v=KlIBnfPVf3c> at 1:33 to 1:36 of 1:58